```
(FILE 'HOME' ENTERED AT 20:49:42 ON 27 MAY 2004)

     FILE 'REGISTRY' ENTERED AT 20:50:36 ON 27 MAY 2004
L1        554 S P.LKTK/SQSP

     FILE 'CAPLUS' ENTERED AT 20:50:59 ON 27 MAY 2004
L2        336 S L1
L3         19 S L2 AND STAT
L4         17 S L2 AND (INTERFERON OR IFN#)
L5         25 S L3 OR L4

     FILE 'REGISTRY' ENTERED AT 20:58:57 ON 27 MAY 2004
L6         60 S L1 AND SQL<100
L7         16 S L1 AND SQL<50

     FILE 'CAPLUS' ENTERED AT 21:00:03 ON 27 MAY 2004
L8          9 S L7

     FILE 'REGISTRY' ENTERED AT 21:01:10 ON 27 MAY 2004
L9          1 S L1 AND (180162-19-0)/RN
L10       967 S A.LKTK/SQSP
L11         0 S L10 AND STAT#
L12         0 S L10 AND (INTERFERON OR IFN#)

     FILE 'CAPLUS' ENTERED AT 21:04:37 ON 27 MAY 2004
L13       416 S L10
L14         8 S L13 AND STAT#
L15         5 S L13 AND (INTERFERON OR IFN#)

     FILE 'DGENE' ENTERED AT 21:06:49 ON 27 MAY 2004
              RUN GETSEQ
              ---------
L16  RUN STATEMENT CREATED
L17         1 S L16 AND (STAT# OR INTERFERON OR IFN#)

     FILE 'PCTGEN' ENTERED AT 21:08:12 ON 27 MAY 2004
              RUN GETSEQ
              ---------
L18  RUN STATEMENT CREATED
L19         0 S L18 AND (STAT# OR INTERFERON OR IFN#)

     FILE 'REGISTRY' ENTERED AT 21:09:10 ON 27 MAY 2004
L20       491 S P.LATK/SQSP

     FILE 'CAPLUS' ENTERED AT 21:09:29 ON 27 MAY 2004
L21       245 S L20
L22        12 S L21 AND (STAT# OR INTERFERON OR IFN#)

     FILE 'REGISTRY' ENTERED AT 21:12:50 ON 27 MAY 2004
L23         1 S L20 AND (391973-98-1)/RN
L24         1 S L20 AND (131201-27-9)/RN
L25         1 S L20 AND (128826-24-4)/RN

     FILE 'DGENE' ENTERED AT 21:15:13 ON 27 MAY 2004
              RUN GETSEQ
              ---------
L26  RUN STATEMENT CREATED
L27         1 S L26 AND (STAT# OR INTERFERON OR IFN#)

     FILE 'PCTGEN' ENTERED AT 21:15:55 ON 27 MAY 2004
              RUN GETSEQ
```

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              ----------
L28   RUN STATEMENT CREATED
L29           0 S L28 AND (STAT# OR INTERFERON OR IFN#)


      FILE 'REGISTRY' ENTERED AT 21:16:30 ON 27 MAY 2004
L30         812 S P.LKAK/SQSP


      FILE 'CAPLUS' ENTERED AT 21:17:05 ON 27 MAY 2004
L31         416 S L30
L32          15 S L31 AND (STAT# OR INTERFERON OR IFN#)


      FILE 'REGISTRY' ENTERED AT 21:19:24 ON 27 MAY 2004
L33           1 S L30 AND (249550-21-8)/RN


      FILE 'DGENE' ENTERED AT 21:20:29 ON 27 MAY 2004
              RUN GETSEQ
              ----------
L34   RUN STATEMENT CREATED
L35           2 S L34 AND (STAT# OR INTERFERON OR IFN#)


      FILE 'REGISTRY' ENTERED AT 21:22:53 ON 27 MAY 2004
L36          17 S PYLKTA/SQSP


      FILE 'CAPLUS' ENTERED AT 21:23:19 ON 27 MAY 2004
L37          10 S L36


      FILE 'DGENE' ENTERED AT 21:24:34 ON 27 MAY 2004
              RUN GETSEQ
              ----------
L38   RUN STATEMENT CREATED


      FILE 'PCTGEN' ENTERED AT 21:25:03 ON 27 MAY 2004
              RUN GETSEQ
              ----------
L39   RUN STATEMENT CREATED


      FILE 'REGISTRY' ENTERED AT 21:25:19 ON 27 MAY 2004
L40      203288 S P.LK/SQSP
L41        3239 S L40 AND SQL<50
L42        1213 S L40 AND SQL<21


      FILE 'CAPLUS' ENTERED AT 21:26:23 ON 27 MAY 2004
L43        1652 S L42
L44          58 S L43 AND (STAT# OR INTERFERON OR IFN#)
L45          43 S L44 AND PY<2001


      FILE 'CAPLUS' ENTERED AT 21:27:38 ON 27 MAY 2004
L46          43 S L43 AND STAT#
L47          12 S L43 AND (STAT OR STAT1# OR STAT2# OR STAT3# OR STAT4# OR STAT


      FILE 'REGISTRY' ENTERED AT 21:31:18 ON 27 MAY 2004
L48           1 S L40 AND (182200-02-8)/RN
L49           1 S L40 AND (180162-19-0)/RN
L50           1 S L40 AND (180162-24-7)/RN
L51      203288 S P.LK/SQSP
L52        1161 S L51 AND SQL<20


      FILE 'CAPLUS' ENTERED AT 21:36:01 ON 27 MAY 2004
L53           9 S L52 AND STAT


      FILE 'REGISTRY' ENTERED AT 21:38:01 ON 27 MAY 2004
L54       82977 S P.FK/SQSP
```

L55   405 S L54 AND SQL<20

FILE 'CAPLUS' ENTERED AT 21:38:31 ON 27 MAY 2004
L56   288 S L55
L57   6 S L56 AND STAT

FILE 'REGISTRY' ENTERED AT 21:39:15 ON 27 MAY 2004
L58   5621 S L54 AND SQL<100

FILE 'CAPLUS' ENTERED AT 21:39:55 ON 27 MAY 2004
L59   1485 S L58
L60   56 S L59 AND STAT

FILE 'REGISTRY' ENTERED AT 21:40:25 ON 27 MAY 2004
L61   1302 S L54 AND SQL<50

FILE 'CAPLUS' ENTERED AT 21:40:44 ON 27 MAY 2004
L62   671 S L61
L63   29 S L62 AND STAT

FILE 'DGENE' ENTERED AT 21:43:13 ON 27 MAY 2004
                RUN GETSEQ

L64   RUN STATEMENT CREATED
L65   1 S L64 AND STAT

FILE 'REGISTRY' ENTERED AT 21:44:27 ON 27 MAY 2004
L66   328578 S A.LK/SQSP

FILE 'CAPLUS' ENTERED AT 21:45:23 ON 27 MAY 2004

FILE 'REGISTRY' ENTERED AT 21:45:36 ON 27 MAY 2004
L67   5887 S L66 AND SQL<50

FILE 'CAPLUS' ENTERED AT 21:46:07 ON 27 MAY 2004
L68   3209 S L67
L69   42 S L68 AND STAT
L70   37 S L69 AND PY<2001

FILE 'DGENE' ENTERED AT 21:47:52 ON 27 MAY 2004
                RUN GETSEQ

L71   RUN STATEMENT CREATED
L72   9 S L71 AND STAT

FILE 'REGISTRY' ENTERED AT 21:51:29 ON 27 MAY 2004
L73   155969 S YLK/SQSP
L74   1241 S L73 AND SQL<20

FILE 'CAPLUS' ENTERED AT 21:51:57 ON 27 MAY 2004
L75   644 S L74
L76   6 S L75 AND STAT

FILE 'REGISTRY' ENTERED AT 21:53:46 ON 27 MAY 2004
L77   1 S L73 AND (180162-19-0)/RN
L78   1 S L73 AND (164917-66-2)/RN
L79   1 S L73 AND (164917-68-4)/RN

FILE 'REGISTRY' ENTERED AT 21:57:34 ON 27 MAY 2004
L80   554 S P.LKTK/SQSP
L81   16 S L80 AND SQL<50

```
      FILE 'CAPLUS' ENTERED AT 21:58:22 ON 27 MAY 2004
L82          9 S L81

      FILE 'REGISTRY' ENTERED AT 21:59:34 ON 27 MAY 2004
L83     203288 S P.LK/SQSP
L84       1161 S L83 AND SQL<20

      FILE 'CAPLUS' ENTERED AT 22:00:05 ON 27 MAY 2004
L85       1603 S L84
L86          9 S L85 AND STAT

      FILE 'REGISTRY' ENTERED AT 22:01:23 ON 27 MAY 2004
L87     310056 S P.LA/SQSP
L88        809 S L87 AND SQL<20

      FILE 'CAPLUS' ENTERED AT 22:03:37 ON 27 MAY 2004
L89        590 S L88
L90          9 S L89 AND STAT

      FILE 'DGENE' ENTERED AT 22:04:46 ON 27 MAY 2004
                RUN GETSEQ
                ---------
L91   RUN STATEMENT CREATED
L92          8 S L91 AND STAT
L93          0 S L92 AND SQL<20

      FILE 'REGISTRY' ENTERED AT 22:07:25 ON 27 MAY 2004
L94    2226504 S A.L/SQSP
L95      33419 S L94 AND SQL<20

      FILE 'CAPLUS' ENTERED AT 22:08:18 ON 27 MAY 2004
L96      25577 S L95
L97         62 S L96 AND STAT
L98         50 S L97 AND PY<2001

      FILE 'REGISTRY' ENTERED AT 22:10:08 ON 27 MAY 2004

=> s l94 and (187532-48-5)/rn
           1 (187532-48-5)/RN
L99        1 L94 AND (187532-48-5)/RN

=> d sqide

L99  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN   187532-48-5  REGISTRY
CN   L-Glutamine, L-asparaginyl-L-threonyl-L-α-aspartyl-L-alanyl-O-
     phosphono-L-tyrosyl-L-leucyl-L-seryl-L-leucyl-L-glutaminyl-L-α-
     glutamyl-L-leucyl- (9CI)  (CA INDEX NAME)
FS   PROTEIN SEQUENCE; STEREOSEARCH
SQL  12
NTE  modified
----------------------------------------------------------------
  type            ------ location ------        description
----------------------------------------------------------------
modification    Tyr-5            -          phosphono<PO2>
----------------------------------------------------------------


SEQ       1 NTDAYLSLQE LQ
            ===
HITS AT:    4-6
MF   C60 H96 N15 O26 P
SR   CA
```
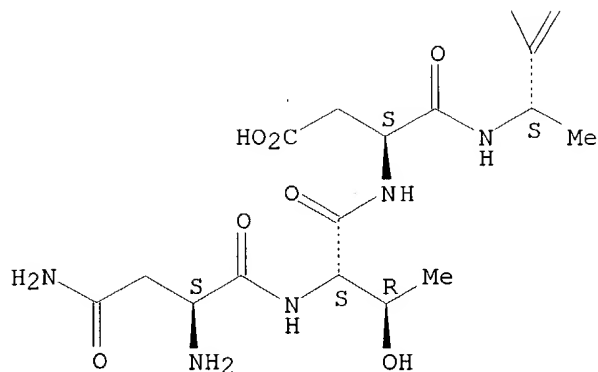
Absolute stereochemistry.

PAGE 1-A
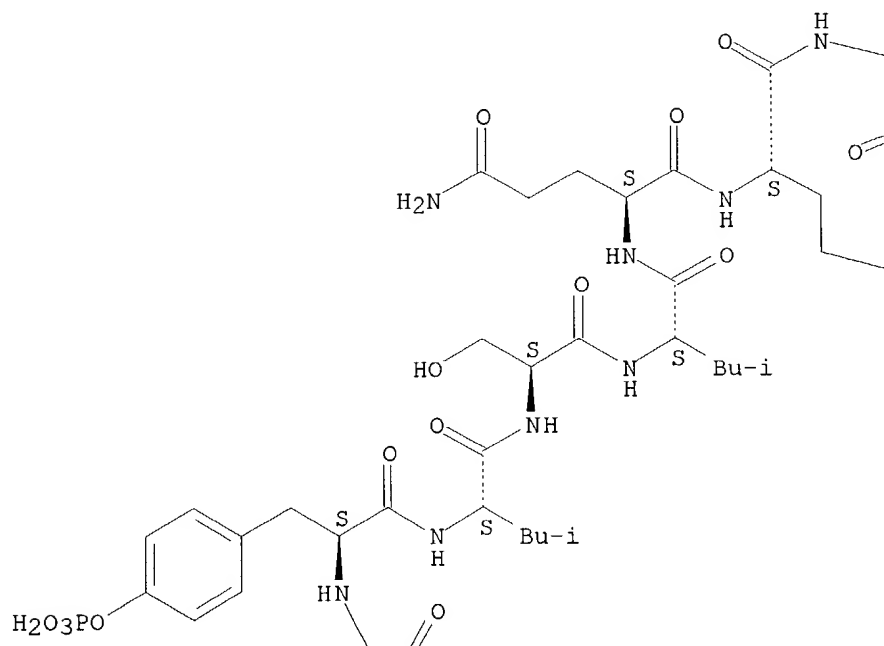
PAGE 1-B
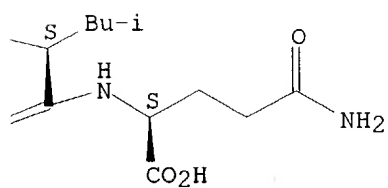
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d history

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      FILE 'REGISTRY' ENTERED AT 22:10:08 ON 27 MAY 2004
L99           1 S L94 AND (187532-48-5)/RN
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